

Notice of Allowability

Application No.

10/635,761

Examiner

Nicholas G. Giles

Applicant(s)

IIJIMA, RYUNOSUKE

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1 and 3-12.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 03052007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anastasia Zhadina on 02/05/2007.

The application has been amended as follows:

Claim 1 (currently amended) A reproduction apparatus comprising: enlarging processing means for enlarging a desired area of an image displayed on a screen; and control means for changing operation characteristics of said enlarging processing means in accordance with whether the image is a moving image or a still image, wherein said enlarging processing means includes enlarging range shifting means for shifting a range of an image to be subjected to an enlargement process, and wherein said control means changes a time duration from a start of an operation of shifting the range of the image to be enlarged by said enlarging range shifting means to an actual start of an enlarging range shift, in accordance with whether the screen is in a moving image display state or a still image display state.

Claim 2 is cancelled.

Claim 3 (currently amended) A reproduction apparatus according to claim 2 1, wherein said enlarging range shifting means changes a position, range and magnification of the image to be enlarged.

Claim 4 (currently amended) A reproduction apparatus according to claim 1, wherein said control means sets short a the time duration from a the start of ~~an~~ the operation of shifting a the range of ~~an~~ the image to be enlarged by said enlarging range shifting means to ~~an~~ the actual start of ~~an~~ the enlarging range shift, in the moving image display state, and sets long the time duration from a the start of ~~an~~ the operation of shifting a the range of ~~an~~ the image to be enlarging enlarged by said enlarging range shifting means to ~~an~~ the actual start of an enlarging range shift, in the still image display state.

Claim 9 (currently amended) A computer-executable control program stored on a computer-readable storage medium comprising a program code causing a computer to control for a reproduction apparatus to perform a method for reproducing a moving image and a still image, the ~~control program~~ method comprising the steps of: a process of reproducing an image by reproducing means; ~~a process of~~ enlarging an image reproduced by said reproducing means; ~~a process of~~ setting an enlarging range of the image by enlarging range shifting means for shifting a range of an image to be enlarged by enlarging means; and ~~a process of~~ changing operation characteristics of said enlarging range shifting means in accordance with whether said reproducing means is in a moving image reproduction state or a moving image reproduction temporary stop state.

2. The following is an examiner's statement of reasons for allowance:

Regarding claim **1**, no prior art could be located that teaches or fairly suggests changing a time duration from a start of an operation of shifting the range of an image to be enlarged by said enlarging range shifting means to an actual start of an enlarging range shift, in accordance with whether the screen is in a moving image display state or a still image display state in combination with the rest of the limitations of the claim.

Regarding claims **3 and 4**, these claims depend on claim 1 and therefore are allowed.

Regarding claim **5**, no prior art could be located the teaches or fairly suggests changing operations characteristics of an enlarging range shifting means in accordance with whether a reproducing means is in a moving image reproduction state or moving image reproduction temporary stop state in combination with the rest of the limitations of the claim.

Regarding claims **6-8**, these claims depend on claim 5 and therefore are allowed.

Regarding claim **9**, no prior art could be located the teaches or fairly suggests changing operations characteristics of an enlarging range shifting means in accordance with whether a reproducing means is in a moving image reproduction state or moving image reproduction temporary stop state in combination with the rest of the limitations of the claim.

Regarding claims **10-12**, these claims depend on claim 9 and therefore are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

2002/0057346 Hirasawa et al. – Changing modes depending on whether a still or moving image is present

6,473,120 Hirasawa et al. – changing modes depending on whether a still or moving image is present

5,519,452 Parulski – Changing filter depending on whether a still or moving image is present

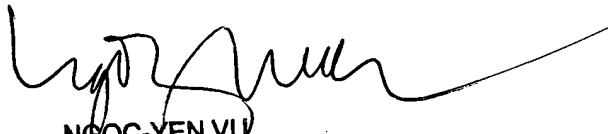
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas G. Giles whose telephone number is (571) 272-2824. The examiner can normally be reached on Monday through Friday from 7:30am to 4:00pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ngoc - Yen Vu can be reached on (571) 272-7320. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

NGG


NGOC-YEN VU
SUPERVISORY PATENT EXAMINER